

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-128063

(43)Date of publication of application : 31.05.1991

(51)Int.Cl.

A61L 27/00  
A61K 6/033  
A61K 6/06  
C04B 12/02  
C04B 28/34  
// (C04B 28/34  
C04B 22:14 )  
C04B 22:10  
C04B 24:00

(21)Application number : 01-266236

(71)Applicant : NATL INST FOR RES IN INORG MATER  
MITSUBISHI MATERIALS CORP

(22)Date of filing : 16.10.1989

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## (54) WATER-CURABLE TYPE CALCIUM PHOSPHATE CEMENT COMPOSITION

(57)Abstract:

PURPOSE: To carry out curing only by the kneading with water and prolong the curing time without incurring the deterioration of physical properties by adding the secondary calcium phosphate containing at least the secondary calcium phosphate anhydride to  $\alpha$ -type tertiary calcium phosphate.

CONSTITUTION: A cement composition containing the mixed powder of  $\alpha$ -type tertiary calcium phosphate and secondary calcium phosphate as main constituent is prepared by allowing the secondary calcium phosphate to contain the secondary calcium phosphate anhydride. Accordingly, curing can be realized only by the kneading with water, and the deterioration of physical properties is prevented, and the curing time can be set sufficiently long, and since the curing time can be controlled arbitrarily, the cement composition can be effectively used for the dental use such as the filling material for a tooth root part.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]